

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAIL STOP PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application entitled

**FLIP-CHIP LIGHT EMITTING DIODE**

By: Shawn X. Du and Ivan Eliashevich

1. **Type of Application**

☒ Original (non-provisional)

2. **Required Papers Enclosed under 37 CFR 1.53(b) (Regular):**

9 Pages of specification

5 Pages of claims

1 Page of Abstract

5 Sheets of Formal/Informal Drawings (Figures 1-5)

3. **Declaration or oath**

☒ Enclosed

4. **Preliminary Amendment**

☐ Enclosed

5. **Assignment**

☒ An assignment of the invention to: **GELcore, LLC**

☒ A check in the amount of **\$40.00** is enclosed as well as the "Assignment Recordation Form Cover Sheet".

6. **Priority**

Priority is hereby claimed to Patent Application No. 60/464,512 filed April 22, 2003.

7. **Information Disclosure Statement**

☒ Enclosed ☒ Form 1449 PTO ☒ References

8. ☐ **Applicant claims small entity status** (see 37 CFR 1.27).

19587 U.S. PTO  
10/828576



042104

14230 U.S. PTO



042104

9. **Fee Calculation (37 CFR 1.16)**

CLAIMS AS FILED				
(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
TOTAL CLAIMS (37 CFR 1.16(c))	23 - 20 =	3	x \$ 18	= \$54.00
INDEPENDENT CLAIMS (37 CFR 1.16(b))	3 - 3 =	0	x \$ 86	= \$0.00
MULTIPLE DEPENDENT CLAIMS (IF APPLICABLE) (37 CFR 1.16(d))		ANY -- 0	\$ 290	= \$0.00
BASIC FEE (37 CFR 1.16(a))				\$770.00
TOTAL =				\$ 824.00

10. ☒ A check in the amount of **\$824.00** is enclosed.

11. **Authorization to Charge Deposit Account**

- ☒ The Commissioner is hereby authorized to charge the following additional fees or credit any overpayment during the entire pendency of this application to Deposit Account No. 06-0308.
- ☒ 37 CFR 1.16(a), (f) or (g) (filing fees)
- ☒ 37 CFR 1.16(b), (c), and (d) (presentation of extra claims)
- ☒ 37 CFR 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)

12. **Please address correspondence and direct telephone calls to:**

Scott A. McCollister, Esq.  
Fay, Sharpe, Fagan, Minnich & McKee, LLP  
1100 Superior Avenue, Seventh Floor  
Cleveland, OH 44114-2579  
Telephone: 216/861-5582  
Facsimile: 216/241-1666  
Email: smcollister@faysharpe.com

Respectfully submitted,

FAY, SHARPE, FAGAN,  
MINNICH & MCKEE, LLP

4-20-04  
Date

Robert M. Sieg  
Scott A. McCollister, Reg. No. 33,961  
Robert M. Sieg, Reg. No. 54,446  
1100 Superior Avenue, 7<sup>th</sup> Floor  
Cleveland, Ohio 44114-2579  
216/861-5582

**CERTIFICATE OF EXPRESS MAILING**

I certify that this New Application Transmittal and accompanying documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated below and is addressed to: MAIL STOP PATENT APPLICATION, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Express Mail Label No.: <b>EL 998017387 US</b>
Date <b>4/21/04</b>

Signature <b>Mary Ann Temesvari</b>
Printed Name <b>Mary Ann Temesvari</b>